

Textbook Alignment to the Utah Core – Algebra 1

*This alignment has been completed using an “Independent Alignment Vendor” from the USOE approved list
(www.schools.utah.gov/curr/imc/indvendor.html.) Yes X No _____*

Name of Company and Individual Conducting Alignment: Six Things

A “Credential Sheet” has been completed on the above company/evaluator and is (Please check one of the following):

☒ On record with the USOE.

☒ The “Credential Sheet” is attached to this alignment.

Instructional Materials Evaluation Criteria (name and grade of the core document used to align): Algebra I Mathematics Core Curriculum

Title: Saxon Math, Algebra I, 3rd Edition **ISBN#:** SE:1567-71346, TE: 15657-71354, Test Master’s: 15657-71362

Publisher: Saxon, A Harcourt Education Imprint

Overall percentage of coverage in the *Student Edition (SE)* and *Teacher Edition (TE)* of the Utah State Core Curriculum: 100 %

Overall percentage of coverage in *ancillary materials* of the Utah Core Curriculum: 100 %

STANDARD I: Students will expand number sense to understand, perform operations, and solve problems with real numbers.

Percentage of coverage in the *student and teacher edition* for Standard I: 100 %

Percentage of coverage not in student or teacher edition, but covered in the *ancillary material* for Standard I: 100 %

OBJECTIVES & INDICATORS

Coverage in *Student Edition (SE)* and *Teacher Edition (TE)* (pg #'s, etc.)

Coverage in *Ancillary Material* (titles, pg #'s, etc.)

Not covered in TE, SE or ancillaries ✓

Objective 1.1: Represent real numbers as points on the number line and distinguish rational numbers from irrational numbers.

a.	Define a rational number as a point on the number line that can be expressed as the ratio of two integers, and points that cannot be so expressed as irrational.	<u>The Lesson</u> Page(s): 248, 249, 250, 253 <u>Lesson Practice</u> Page(s): 251 <u>Problem Set</u> Page(s): 251, 256, 259, 263, 266, 275, 283, 291, 298, 301, 315, 322, 325, 329, 341, 345, 357, 374, 383, 401, 404, 421, 426, 429, 470, 508	<u>Test</u> Number(s): 16, 17, 18, 19, 20, 23, 24, 26	
b.	Classify numbers as rational or irrational, knowing that rational numbers can be expressed as terminating or repeating decimals and irrational numbers can be expressed as non-terminating, non-repeating decimals.	<u>The Lesson</u> Page(s): 248, 249, 250, 253 <u>Lesson Practice</u> Page(s): 251, 255, 259 <u>Problem Set</u> Page(s): 251, 256, 259, 263, 266, 275, 283, 291, 298, 301, 322, 325, 329, 341, 357, 374, 383, 401, 404, 421, 426, 429, 470, 508	<u>Test</u> Number(s): 16, 17, 18, 19, 20, 23, 24, 26	
c.	Classify π and square roots of non-perfect square numbers as irrational.	<u>The Lesson</u> Page(s): 249, <u>Lesson Practice</u> Page(s): 251 <u>Problem Set</u> Page(s): 251, 256, 259, 263, 266, 275, 283, 291, 298, 301, 322, 325, 329, 341, 357, 374, 383, 401, 404, 421, 426, 429, 470, 508	<u>Test</u> Number(s): 16, 17, 19, 20, 24	
d.	Place rational and irrational numbers on a number line between two integers.	<u>The Lesson</u> Page(s): 254 <u>Lesson Practice</u> Page(s): 255 <u>Problem Set</u> Page(s): 256, 259, 263, 275, 287	<u>Test</u> Number(s): 16, 17	
Objective 1.2: Compute fluently and make reasonable estimates with rational and irrational numbers.				
a.	Simplify, add, subtract, multiply, and divide	<u>The Lesson</u>	<u>Test</u>	

	expressions with square roots.	Page(s): 257, 258, 264, 265, 268, 269, 345, 346, 490 <u>Lesson Practice</u> Page(s): 259, 266, 270, 349, 491 <u>Problem Set</u> Page(s): 259, 263, 266, 270, 325, 336, 341, 351, 356, 365, 491, 492, 494, 500, 504, 50	Number(s): 16, 17, 18, 19, 20, 21, 23, 24, 25, 26, 27, 28, 29	
b.	Evaluate and simplify numerical expressions containing rational numbers and square roots using the order of operations.	<u>The Lesson</u> Page(s): 257, 258, 264, 265, 268, 269, 345, 346, 490, 496, 497, 498, 499, 501, 502, 503 <u>Lesson Practice</u> Page(s): 259, 266, 349, 491, 499, 503 <u>Problem Set</u> Page(s): 256, 259, 263, 266, 325, 336, 341, 350, 356, 365, 491, 492, 494, 500, 503, 504, 508	<u>Test</u> Number(s): 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29	
c.	Compute solutions to problems, represent answers in exact form, and determine the reasonableness of answers.	<u>The Lesson</u> Page(s): 257, 258, 264, 265, 268, 269, 345, 346, 490, 496, 497, 498, 499, 501, 502, 503 <u>Lesson Practice</u> Page(s): 259, 266, 349, 491, 499, 503 <u>Problem Set</u> Page(s): 259, 263, 266, 325, 326, 336, 341, 365, 366, 416, 417, 494, 500, 503, 504, 50	<u>Test</u> Number(s): 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30	
d.	Calculate the measures of the sides of a right triangle using the Pythagorean Theorem.	<u>The Lesson</u> Page(s): 407, 408, 409, 412, 413 <u>Lesson Practice</u> Page(s): 410, 415 <u>Problem Set</u>	<u>Test</u> Number(s): 25, 26, 27, 30	

		Page(s): 410, 411, 416, 420, 425, 429, 433, 434, 438, 442, 445, 449, 457, 461, 467, 478, 484		
STANDARD II: Students will extend concepts of proportion to represent and analyze linear relations.				
Percentage of coverage in the <i>student and teacher edition</i> for Standard II: <u>100</u> %		Percentage of coverage not in student or teacher edition, but covered in the <i>ancillary material</i> for Standard II: <u>100</u> %		
OBJECTIVES & INDICATORS		Coverage in <i>Student Edition (SE)</i> and <i>Teacher Edition (TE)</i> (pg #'s, etc.)	Coverage in <i>Ancillary Material</i> (titles, pg #'s, etc.)	<i>Not covered in TE, SE or ancillaries</i> ✓
Objective 2.1: Represent and analyze the slope of a line.				
a.	Identify the slope of a line when given points, a graph, or an equation.	<u>The Lesson</u> Page(s): 307, 308, 309, 310, 311, 414, 415, <u>Lesson Practice</u> Page(s): 311, 312, 415 <u>Problem Set</u> Page(s): 312, 361, 377, 416, 417	<u>Test</u> Number(s): 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30	
b.	Identify horizontal and vertical lines given the equations or slopes.	<u>The Lesson</u> Page(s): 305, 306 <u>Lesson Practice</u> Page(s): 311 <u>Problem Set</u> Page(s): 275, 312, 315, 319, 322, 377	<u>Test</u> Number(s): 19, 20, 22, 23, 24, 27, 30	
c.	Determine the effect of changes in slope or y-intercept in $y = mx + b$.	<u>The Lesson</u> Page(s): 306, 307, 308, 309, 310, 311 <u>Lesson Practice</u> Page(s): 311, 312 <u>Problem Set</u> Page(s): 312	<u>Test</u> Number(s): 24, 25, 26, 27, 28, 29, 30	
d.	Determine and explain the meaning of slopes and intercepts using real-world examples.	<u>The Lesson</u> Page(s): 342, 343, 371, 372, 374, 375, 376, 383, 384, 385, 386, 391,	<u>Test</u> Number(s): 21, 22, 23, 24, 25, 26, 27, 28, 29,	

		392, 393, 418, 419, 473, 474, 475 <u>Lesson Practice</u> Page(s): 343, 372, 376, 386, 393, 420, 477 <u>Problem Set</u> Page(s): 344, 360, 355, 364, 370, 372, 376, 386, 389, 390, 393, 400, 403, 410, 416, 420, 424, 428, 433, 437, 441, 444, 448, 452, 456, 457, 460, 466, 469, 472, 477, 483, 488, 494, 499, 503, 507	30	
Objective 2.2 Model and interpret problems having a constant rate of change using linear functions.				
a.	Write algebraic expressions or equations to generalize visual patterns, numerical patterns, relations, data sets, or scatter plots.	<u>The Lesson</u> Page(s): 63, 64, 65, 95, 96, 97, 125, 126, 131, 132, 135, 136 <u>Lesson Practice</u> Page(s): 65, 97, 126, 132, 136 <u>Problem Set</u> Page(s): 65, 66, 71, 97, 98, 127, 130, 133, 137, 139, 144, 145, 148, 151, 154, 155, 159, 163	<u>Test</u> Number(s): 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30	
b.	Represent linear equations in slope-intercept form, $y = mx + b$, and standard form, $Ax + By = C$.	<u>The Lesson</u> Page(s): 229, 230, 306, 307, 308, 309, 310, 311 <u>Lesson Practice</u> Page(s): 231, 311, 312 <u>Problem Set</u> Page(s): 231, 234, 238, 241, 246, 252, 256, 259, 263, 267, 270, 275, 279, 312, 315, 319, 322, 361, 377	<u>Test</u> Number(s): 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30	
c.	Distinguish between linear and non-linear functions by examining a table, equation, or graph.	<u>The Lesson</u> Page(s): 395, 396, 397, 398, 399, 446, 447, 448, 450, 451, 452, 462, 463, 464, 465, 473, 474, 475, 476, 479, 480, 481, 493, 494	<u>Test</u> Number(s): 24, 25, 26, 27, 28, 29, 30	

		<u>Lesson Practice</u> Page(s): 399, 448, 452, 465, 466, 477, 483, 494 <u>Problem Set</u> Page(s): 400, 401, 404, 411, 416, 417, 420, 421, 425, 426, 429, 434, 438, 442, 445, 449, 453, 457, 461, 466, 469, 470, 472, 477, 478, 483, 484, 488, 489, 491, 492, 494, 495, 499, 500, 503, 504, 508		
d.	Interpret the slope of a linear function as a rate of change in real-world situations.	<u>The Lesson</u> Page(s): 342, 343, 371, 372, 374, 375, 376, 383, 384, 385, 386, 391, 392, 393, 418, 419, 473, 474, 475 <u>Lesson Practice</u> Page(s): 343, 372, 376, 386, 393, 420, 477 <u>Problem Set</u> Page(s): 344, 360, 355, 364, 370, 372, 376, 386, 389, 390, 393, 400, 403, 410, 416, 420, 424, 428, 433, 437, 441, 444, 448, 452, 456, 457, 460, 466, 469, 472, 477, 483, 488, 494, 499, 503, 507	<u>Test</u> Number(s): 21, 22, 23, 24, 25, 26, 27, 28, 29, 30	
Objective 2.3: Represent and analyze linear relationships using algebraic equations, expressions, and graphs.				
a.	Write the equation of a line when given two points or the slope and a point on the line.	<u>The Lesson</u> Page(s): 306, 307, 308, 309, 310, 311, 446, 447, 448, 450, 451, 452 <u>Lesson Practice</u> Page(s): 311, 312, 448, 452 <u>Problem Set</u> Page(s): 312, 377, 449, 453, 457, 461, 466, 470, 472, 478, 484, 488, 492, 495, 500, 504, 508	<u>Test</u> Number(s): 19, 20, 22, 23, 24, 25, 26, 27, 28, 29, 30	
b.	Approximate the equation of a line given the graph of a	<u>The Lesson</u>	<u>Test</u>	

	line.	Page(s): 305, 306, 307, 308, 309 <u>Lesson Practice</u> Page(s): 311 <u>Problem Set</u> Page(s): 312, 315, 319, 322, 344, 350, 361, 366, 377	Number(s): 19, 20, 22, 23, 24, 26, 27	
c.	Identify the x - and y -intercepts from an equation or graph of a line or a table of values.	<u>The Lesson</u> Page(s): 306, 307, 308, 309, 310, 311 <u>Lesson Practice</u> Page(s): 311, 312 <u>Problem Set</u> Page(s): 312, 315, 319, 322, 344, 350, 361, 366, 377	<u>Test</u> Number(s): 19, 20, 21, 22, 23, 24, 27, 29, 30	
d.	Graph linear relations and inequalities by plotting points, by finding x - and y intercepts, or by using the slope and any point on the line.	<u>The Lesson</u> Page(s): 229, 230, 305, 306, 307, 308, 309, 310, 311, 485, 486, 487, 488 <u>Lesson Practice</u> Page(s): 231, 234, 238, 241, 246, 252, 256, 259, 263, 267, 270, 275, 279, 312, 488 <u>Problem Set</u> Page(s): 312, 488, 489, 491, 494, 500, 504, 508	<u>Test</u> Number(s): 13, 14, 15, 16, 19, 20, 21, 22, 24, 25, 26, 27, 29, 30	

STANDARD III: Students will develop fluency with the language and operations of algebra to analyze and represent relationships.

Percentage of coverage in the <i>student and teacher edition</i> for Standard III: <u>100</u> %		Percentage of coverage not in student or teacher edition, but covered in the <i>ancillary material</i> for Standard III: <u>100</u> %		
OBJECTIVES & INDICATORS		Coverage in <i>Student Edition</i>(SE) and <i>Teacher Edition</i> (TE) (pg #'s, etc.)	Coverage in <i>Ancillary Material</i> (titles, pg #'s, etc.)	<i>Not covered in TE, SE or ancillaries</i> ✓
Objective 3.1: Simplify polynomials and the quotient of monomials.				
a.	Simplify and evaluate monomial expressions and formulas.	<u>The Lesson</u> Page(s): 64, 65, 72, 91, 92, 93, 122,	<u>Test</u> Number(s): 5, 6, 7, 10, 11,	

		123 <u>Lesson Practice</u> Page(s): 65, 73, 93, 124, <u>Problem Set</u> Page(s): 66, 71, 73, 81, 85, 94, 97, 105, 109, 112, 120, 124, 234, 241, 242	13, 14, 15, 16, 17, 19, 20, 26, 29	
b.	Add and subtract polynomials.	<u>The Lesson</u> Page(s): 79, 80, 93, 194, 195 <u>Lesson Practice</u> Page(s): 80, 93, 195 <u>Problem Set</u> Page(s): 81, 98, 105, 109, 112, 120, 196, 214, 222, 227, 231, 234, 238, 241	<u>Test</u> Number(s): 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17	
c.	Multiply monomials by a polynomial.	<u>The Lesson</u> Page(s): 76, 77, 113, 114, 197, 198, 199 <u>Lesson Practice</u> Page(s): 77, 114, 199 <u>Problem Set</u> Page(s): 77, 78, 81, 85, 101, 105, 109, 115, 120, 199, 200, 232, 234, 238, 241	<u>Test</u> Number(s): 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17, 19	
d.	Multiply binomials.	<u>The Lesson</u> Page(s): 197, 198, 199 <u>Lesson Practice</u> Page(s): 199 <u>Problem Set</u> Page(s): 199, 200, 204, 210, 214, 217, 223, 227, 232, 234, 238, 241	<u>Test</u> Number(s): 13, 14, 15, 16	
e.	Simplify the quotient of monomials using positive exponents.	<u>The Lesson</u> Page(s): 160, 161, 162, 163 <u>Lesson Practice</u> Page(s): 163	<u>Test</u> Number(s): 10, 11, 13, 14, 15, 16, 17, 18, 19, 20, 21, 23, 26, 29	

		<u>Problem Set</u> Page(s): 164, 167, 170, 175, 180, 184, 186, 191, 196, 200, 204, 210, 214, 217, 223, 227, 232, 234, 238, 241		
Objective 3.2: Solve and interpret linear equations and inequalities in various situations including real-world problems.				
a.	Solve single-variable linear equations and inequalities algebraically and graphically.	<u>The Lesson</u> Page(s): 99, 100, 101, 102, 103, 104, 106, 107, 108, 110, 111, 114, 117, 149, 150, 151 <u>Lesson Practice</u> Page(s): 101, 104, 108, 112, 114, 115, 119, 151 <u>Problem Set</u> Page(s): 101, 105, 108, 112, 115, 119, 120, 151, 152	<u>Test</u> Number(s): 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30	
b.	Solve real-world problems involving constant rates of change.	<u>The Lesson</u> Page(s): 342, 343, 371, 372, 374, 375, 376, 383, 384, 385, 386, 391, 392, 393, 418, 419, 473, 474, 475 <u>Lesson Practice</u> Page(s): 343, 372, 376, 386, 393, 420, 477 <u>Problem Set</u> Page(s): 344, 360, 355, 364, 370, 372, 376, 386, 389, 390, 393, 400, 403, 410, 416, 420, 424, 428, 433, 437, 441, 444, 448, 452, 456, 457, 460, 466, 469, 472, 477, 483, 488, 494, 499, 503, 507	<u>Test</u> Number(s): 21, 22, 23, 24, 25, 26, 27, 28, 29, 30	
c.	Solve equations for a specified variable.	<u>The Lesson</u> Page(s): 168, 169, 170, 323, 324, 439, 440, 441, 501, 502, 503 <u>Lesson Practice</u> Page(s): 170, 325, 441, 503	<u>Test</u> Number(s): 11, 12, 14, 16, 17, 18, 19, 20, 21, 24, 26, 27, 28, 29, 30	

		<u>Problem Set</u> Page(s): 170, 174, 180, 183, 186, 191, 196, 204, 214, 222, 231, 246, 325, 328, 441, 444, 449, 453, 457, 461, 466, 470, 473, 478, 484, 489, 492, 495, 503, 504, 508		
d.	Solve proportions that include algebraic first-degree expressions.	<u>The Lesson</u> Page(s): 153, 154, 157, 158, 320, 321 <u>Lesson Practice</u> Page(s): 154, 158, 159, 321 <u>Problem Set</u> Page(s): 154, 159, 163, 166, 170, 174, 179, 183, 190, 199, 209, 217, 226, 241, 251, 322, 325, 328	<u>Test</u> Number(s): 20, 21, 22, 23, 24, 25, 26, 27, 29, 30	
Objective 3.3: Solve and interpret pairs of linear equations and inequalities.				
a.	Solve systems of two linear equations graphically and algebraically with and without technology.	<u>The Lesson</u> Page(s): 218, 219, 220, 221, 222, 239, 240, 272, 273, 274, 289, 290, 323, 324, 330, 331, 332, 333, 334, 335, 342, 343 <u>Lesson Practice</u> Page(s): 222, 240, 274, 290, 325, 335, 343 <u>Problem Set</u> Page(s): 222, 226, 231, 233, 237, 241, 246, 252, 256, 259, 263, 266, 270, 275, 279, 283, 288, 291, 297, 301, 304, 313, 315, 319, 322, 325, 329, 335, 336, 341, 344, 345, 350, 356, 361, 366, 371, 374, 377, 382, 387, 391, 394, 401, 404, 411, 417, 421, 426, 427, 434, 438, 445, 461, 473, 484	<u>Test</u> Number(s): 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29	
b.	Determine the number of possible solutions for a	<u>The Lesson</u>	<u>Test</u>	

	system of two linear equations.	Page(s): 330, 331, 332, 333, 334, 335 <u>Lesson Practice</u> Page(s): 335 <u>Problem Set</u> Page(s): 335, 336, 341, 344, 351, 356, 361, 366,	Number(s): 21, 28	
c.	Graph a system of linear inequalities and identify the solution.	<u>The Lesson</u> Page(s): 485, 486, 487, 488 <u>Lesson Practice</u> Page(s): 488 <u>Problem Set</u> Page(s): 488, 491, 494, 500, 504, 508	<u>Test</u> Number(s): 29, 30	
Objective 3.4: Factor polynomials with common monomial factors and factor simple quadratic expressions.				
a.	Find the greatest common monomial factor of a polynomial.	<u>The Lesson</u> Page(s): 138, 139, 140, 141, 142, 143, 144, 292 <u>Lesson Practice</u> Page(s): 139, 144, 296 <u>Problem Set</u> Page(s): 140, 145, 291, 297, 319, 322, 325,	<u>Test</u> Number(s): 9, 10, 11, 12, 13, 14, 18, 19, 20, 21, 22, 27, 30	
b.	Factor trinomials with integer coefficients of the form $x^2 + bx + c$.	<u>The Lesson</u> Page(s): 280, 281, 282, <u>Lesson Practice</u> Page(s): 283 <u>Problem Set</u> Page(s): 283, 288, 291, 304, 311, 315, 319, 322, 325	<u>Test</u> Number(s): 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30	
c.	Factor the difference of two squares and perfect square trinomials.	<u>The Lesson</u> Page(s): 298, 299, 496, 497, 498, 499 <u>Lesson Practice</u> Page(s): 300, 499	<u>Test</u> Number(s): 19, 20, 22, 23, 24, 25, 27, 29, 30	

		<u>Problem Set</u> Page(s): 300, 301, 304, 311, 315, 319, 322, 325, 500		
Objective 3.5: Solve quadratic equations using factoring or by taking square roots.				
a.	Solve quadratic equations that can be simplified to the form $x^2 = a$ where $a \geq 0$ by taking square roots.	<u>The Lesson</u> Page(s): 402, 403, 496, 501 <u>Lesson Practice</u> Page(s): 403 <u>Problem Set</u> Page(s): 404, 411, 416, 420, 425, 429, 434, 438	<u>Test</u> Number(s): 22, 24, 25, 26, 27, 30	
b.	Solve quadratic equations using factoring.	<u>The Lesson</u> Page(s): 367, 368, 369, 496, 497, 498, 499 <u>Lesson Practice</u> Page(s): 370, 499 <u>Problem Set</u> Page(s): 370, 373, 376, 382, 386, 390, 394, 401, 404, 411, 417, 425, 429, 434, 438, 442, 500	<u>Test</u> Number(s): 22, 24	
c.	Write a quadratic equation when given the solutions.	<u>The Lesson</u> Page(s): 493, 494 <u>Lesson Practice</u> Page(s): 494 <u>Problem Set</u> Page(s): 494, 499, 503, 507	<u>Test</u> Number(s): 30	
STANDARD IV: Students will understand concepts from statistics and apply statistical methods to solve problems.				
Percentage of coverage in the <i>student and teacher edition</i> for Standard IV: <u>100</u> %		Percentage of coverage not in student or teacher edition, but covered in the <i>ancillary material</i> for Standard IV: <u>100</u> %		
OBJECTIVES & INDICATORS		Coverage in <i>Student Edition (SE)</i> and <i>Teacher Edition (TE)</i> (pg #'s, etc.)	Coverage in <i>Ancillary Material</i> (titles, pg #'s, etc.)	<i>Not covered in TE, SE or ancillaries</i> ✓
Objective 4.1: Objective 1: Summarize, display, and analyze bivariate data.				
a.	Collect, record, organize, and display a set of data with	<i>There is an opportunity to</i>	<i>There is an opportunity to</i>	

	at least two variables.	<i>introduce during:</i> <u>The Lesson</u> Page(s): 181, 182, 183, 351, 352, 353, 354, 355, 505, 506, 507 <i>There is an opportunity to practice by teacher questioning and observation following:</i> <u>Lesson Practice</u> Page(s): 183, 355, 507 <u>Problem Set</u> Page(s): 183, .355, 356, 507, 508	<i>assess by teacher questioning and observation following:</i> <u>Test</u> Number(s): 22, 23, 30	
b.	Determine whether the relationship between two variables is approximately linear or non-linear by examination of a scatter plot.	<i>There is an opportunity to introduce during:</i> <u>The Lesson</u> Page(s): 181, 182, 183, 351, 352, 353, 354, 355, 505, 506, 507 <i>There is an opportunity to practice by teacher questioning and observation following:</i> <u>Lesson Practice</u> Page(s): 183, 355, 507 <u>Problem Set</u> Page(s): 183, .355, 356, 507, 508	<i>There is an opportunity to assess by teacher questioning and observation following:</i> <u>Test</u> Number(s): 22, 23, 30	
c.	Characterize the relationship between two linear related variables as having positive, negative, or approximately zero correlation.	<i>There is an opportunity to introduce during:</i> <u>The Lesson</u> Page(s): 181, 182, 183, 351, 352, 353, 354, 355, 505, 506, 507 <i>There is an opportunity to practice by teacher questioning and observation following:</i> <u>Lesson Practice</u> Page(s): 183, 355, 507 <u>Problem Set</u> Page(s): 183, .355, 356, 507, 508	<i>There is an opportunity to assess by teacher questioning and observation following:</i> <u>Test</u> Number(s): 22, 23, 30	

Objective 4.2: Estimate, interpret, and use lines fit to bivariate data.				
a.	Estimate the equation of a line of best fit to make and test conjectures.	<p><i>There is an opportunity to introduce during:</i></p> <p><u>The Lesson</u> Page(s): 181, 182, 183, 351, 352, 353, 354, 355, 505, 506, 507</p> <p><i>There is an opportunity to practice by teacher questioning and observation following:</i></p> <p><u>Lesson Practice</u> Page(s): 183, 355, 507</p> <p><u>Problem Set</u> Page(s): 183, .355, 356, 507, 508</p>	<p><i>There is an opportunity to assess by teacher questioning and observation following:</i></p> <p><u>Test</u> Number(s): 22, 23, 30</p>	
b.	Interpret the slope and y-intercept of a line through data.	<p><i>There is an opportunity to introduce during:</i></p> <p><u>The Lesson</u> Page(s): 181, 182, 183, 351, 352, 353, 354, 355, 505, 506, 507</p> <p><i>There is an opportunity to practice by teacher questioning and observation following:</i></p> <p><u>Lesson Practice</u> Page(s): 183, 355, 507</p> <p><u>Problem Set</u> Page(s): 183, .355, 356, 507, 508</p>	<p><i>There is an opportunity to assess by teacher questioning and observation following:</i></p> <p><u>Test</u> Number(s): 22, 23, 30</p>	
c.	Predict y-values for given x-values when appropriate using a line fitted to bivariate numerical data.	<p><i>There is an opportunity to introduce during:</i></p> <p><u>The Lesson</u> Page(s): 181, 182, 183, 351, 352, 353, 354, 355, 505, 506, 507</p> <p><i>There is an opportunity to practice by teacher questioning and observation following:</i></p> <p><u>Lesson Practice</u> Page(s): 183, 355, 507</p>	<p><i>There is an opportunity to assess by teacher questioning and observation following:</i></p> <p><u>Test</u> Number(s): 22, 23, 30</p>	

Problem Set

Page(s): 183, .355, 356, 507, 508